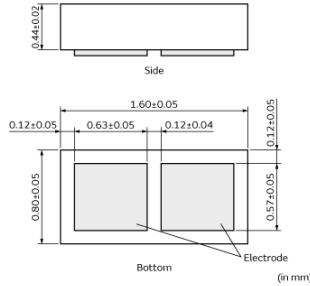


FTN18XH103F01RT

In Production Recommended RoHS REACH

Appearance & Shape



Features

1. This product is built in our chip NTC thermistor.
2. Excellent environmental resistance and mechanical strength by resin package.
3. Surface of the resin package is flat and insulative, it is possible to mount to a metallic steel case directly.
4. Quick response
5. Product change over time is little and stable.
6. Reflow and wire bonding available
7. Lead free

Applications

Limited Usage	Consumer Grade
Other Usage	<ol style="list-style-type: none"> 1. For temperature detection of mobile phones and tablet PC etc 2. For temperature detection of surface body for wearable 3. For temperature detection of power element in power module

Packaging Information

Packaging	Specifications	Minimum Order Quantity
RT	180mm Paper Tape	4000

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2. This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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Specifications

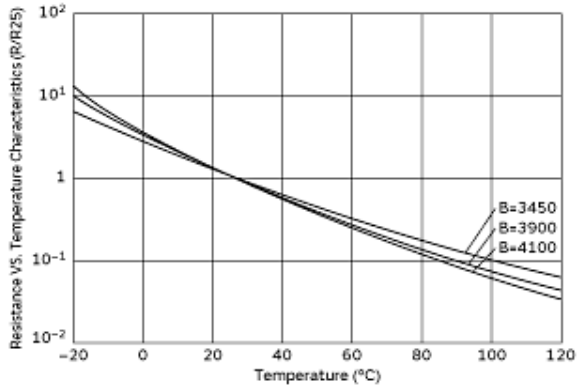
Resistance (25°C)	10kΩ
Resistance Value Tolerance (at 25°C)	±1%
B-Constant (25/50°C)	3380K
B-Constant (25/50°C) Tolerance	±1%
B-Constant(25/80°C)(Reference Value)	3428K
B-Constant(25/85°C)(Reference Value)	3434K
B-Constant(25/100°C)(Reference Value)	3455K
Maximum Operating Current (25°C)	0.09mA
Rated Electric Power (25°C)	4.5mW
Typical Dissipation Constant (25°C)	0.9mW/°C
Thermal Time Constant	2s
Operating Temperature Range	-40°C to 125°C
Lead Shape	Insulation type
Shape	SMD
Mass	0.0014g

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Product Data



Resistance-Temperature Characteristics

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